

The 2nd World Conference on the Pharmacology of Natural and Traditional Medicines

第二屆世界天然藥物和 傳統藥物藥理學學術會議

PROGRAM



November 6th to 8th, 2012, Macau, China

Invitation

Dear colleagues,

The Second World Conference on the Pharmacology of Natural and Traditional Medicines, sponsored by the Section on Pharmacology of Natural Products of the International Union of Basic and Clinical Pharmacology (IUPHAR), co-sponsored by Chinese Pharmacological Society (CNPHARS), International Society for Chinese Medicine (ISCM) and University of Macau (UM), will be held from November 6th to 8th, 2012, in Macau, China.

The theme of the conference is **“Pushing forward the study of natural and traditional medicines with new ideas and technologies”**. The meeting will consist of oral presentation, posters presentations and discussion sessions, all focusing on basic and clinical pharmacological researches as well as on new drug discovery and development based on or related to natural and traditional medicines or ethnomedical resources. The conference will offer a golden opportunity for all delegates and guests to expose and communicate their results, new ideas, new methods and technologies in the pharmacological study of the natural and traditional medicines.

On behalf of the Organizing Committee, we look forward to welcoming scientists from all over the world to get-together in the beautiful city of Macau. We believe that the conference will make a great contribution fostering international communication and collaborations, and boost progress in the field of pharmacological studies and new drug research & development of natural and traditional medicines.

We look forward to welcoming you in Macau.



A handwritten signature in black ink, appearing to read 'Y. Zhang'.

Co-Chair

Professor Yong-Xiang Zhang



A handwritten signature in black ink, appearing to read 'W. Wang'.

Co-Chair

Professor Yi-Tao Wang

Organization

Sponsor

- The Section on the Pharmacology of Natural Products (SPNP) of IUPHAR



Co-sponsor

- Chinese Pharmacological Society (CNPHARS)
- International Society for Chinese Medicine (ISCM)
- University of Macau (UM)



Supporting agency

- Macao Foundation
- Macao science and Technology Development Foundation (FDCT)



Organizer

- Institute of Chinese Medical Sciences, University of Macau
- State Key Laboratory of Quality Research in Chinese Medicine (University of Macau)



Organizing Committee

Co-Chair

Yong-Xiang Zhang, Beijing Institute of Pharmacology and Toxicology, Councilor of Executive Committee of IUPHAR, Chair of SPNP, IUPHAR, Vice-president and secretary-general of CNPHARS, China.

Yi-Tao Wang, Director of Institute of Chinese Medical Sciences (ICMS), University of Macau, Director of State Key Laboratory of Quality Research in Chinese Medicine (University of Macau), and General Secretary of the ISCM, Macau, China.

Vice Chair

Valérie Schini-Kerth, University of Strasbourg; Vice-Chair of SPNP, IUPHAR, France.

Zhi-Bin Lin, Peking University Health Science Center; Councilor of SPNP, IUPHAR; Honorary President of CNPHARS, China.

Guan-Hua Du, Chinese Academy of Medical Sciences & Peking Union Medical College; President of CNPHARS, China.

Secretary-General

Guan-Hua Du, Chinese Academy of Medical Sciences & Peking Union Medical College; President of CNPHARS, China.

Deputy Secretary-General

Wen-Xia Zhou, Beijing Institute of Pharmacology and Toxicology, Deputy Secretary-general of CNPHARS, China.

Xiu-Ping Chen, University of Macau, China.

Xin Mu, Director of Office of CNPHARS, China.

Member

Nai-Hong Chen, Chinese Academy of Medical Sciences & Peking Union Medical College; Deputy Secretary-general of CNPHARS, China.

Wen-Long Deng, Sichuan Institute of Chinese Materia Medica, China.

Thomas Efferth, University of Mainz, Councilor of SPNP, IUPHAR, Germany.

Lin Li, Xuanwu Hospital of Capital Medical University; Chair of Beijing Pharmacological Society, China.

Xue-Jun Li, Peking University Health Science Center; Vice-president and treasurer of CNPHARS, China.

Jian-Xun Liu, China Academy of Chinese Medical Science, China.

Gui-Yuan Lv, Zhejiang Chinese Medical University, China.

Ricky Y.K. Man, University of Hong Kong; Councilor of SPNP, IUPHAR, Past Chair of SPNP, IUPHAR, China.

Yasushi Ohizumi, Tohoku University; Councilor of SPNP, IUPHAR, Japan.

Paul M. Vanhoutte, University of Hong Kong; Past president of IUPHAR, China.

Chun-Fu Wu, Shenyang Pharmaceutical University, China.

Qiang Xu, School of Life Sciences, Nanjing University.

Yong-He Zhang, Peking University; Deputy Secretary-general of CNPHARS, China.

Program at a Glance

Date and Time		Program	Venue
Nov. 6, 2012 (Tuesday)	13:30~21:00	Registration	University of Macau (Cultural Centre, 文化中心)
Nov. 7, 2012 (Wednesday) 9:10~21:30	8:30~12:30	Registration	University of Macau (Cultural Centre, 文化中心)
	09:10~9:50	Opening Ceremony	University of Macau (Cultural Centre, 文化中心)
	9:50~10:30	Special Lecture	University of Macau (Ho Yin Convention Centre, 何賢會議中心)
	10:30~12:30	Invited Lecture	
	12:30~13:30	Lunch and Poster Session	University of Macau (X hall of cultural Centre, 文化中心 X-Hall)
	13:30~14:10	Special Lecture	University of Macau (Ho Yin Convention Centre, 何賢會議中心)
	14:10~17:43	Oral presentation competition of young scientists	
	18:30~21:30	Welcoming Banquet	Macau fisherman's wharf (澳門漁人碼頭)
Nov. 8, 2012 (Thursday) 9:00~20:00	09:00~9:40	Special Lecture	University of Macau (Ho Yin Convention Centre, 何賢會議中心)
	9:40~12:40	Invited Lecture	
	12:40~13:40	Lunch and Poster Session	University of Macau (X Hall of Cultural Centre, 文化中心 X-Hall)
	13:40~14:20	Special Lecture	University of Macau (Ho Yin Convention Centre, 何賢會議中心)
	14:20~17:40	Invited Lecture	
	17:00~18:00	Closing Ceremony	

Program of the Conference

Date: November 6 (Tuesday)

Time	Subject	Speaker	Chairperson
13:30~21:00 Registration University of Macau (Cultural Centre, 文化中心)			

Date: November 7 (Wednesday)

Time	Subject	Speaker	Chairperson
8:30~12:30 Registration University of Macau (Cultural Centre, 文化中心)			
Opening Ceremony (09:10~9:50)			
09:10~09:50	1. Introducing the distinguished guests 2. Welcoming addresses 3. Ribbon-cutting ceremony 4. Group Photo-Taking		Maggie (Macau, China)
Special Lecture (9:50~10:30)			
09:50~10:30	Natural and traditional medicine research: challenges and opportunities	S. J. Enna (USA)	Yong-Xiang Zhang (China)
Invited Lecture (10:30~12:30)			
10:30~10:50	Phase II, randomized, double-blind, placebo-controlled trial of the AOBO-001 for the treatment of overactive bladder (OAB) with symptoms of urge urinary incontinence and frequency	Tao Du (China)	S. J. Enna (USA) Xue-Jun Li (China)
10:50~11:10	Estrogen promotes cerebral vascular mitochondrial biogenesis and ROS protection	Sue Piper Duckles (USA)	
11:10~11:30	A novel drug binding site of cysteine-46 on IKK- β kinase is responsible for suppression of IKK- β -NF- κ B signaling and inflammation	Liang Liu (Macau, China)	

11: 30~11: 50	Standardized evaluation of TCM drug safety and its safe use in China	Zu-Guang Ye (China)	
11: 50~12: 10	Nobiletin, a citrus flavonoid improves memory disorder in Alzheimer’s disease model animals—its application to functional foods	Yasushi Ohizumi (Japan)	
12:10~12:30	Selective immunosuppression by natural products	Qiang Xu (China)	
12:30~13:30	Lunch and Poster Session		
Special Lecture（13:30~14:10）			
13:30~14:10	Multitarget anti-tumor effects of Ganoderma lucidum from basic to clinic	Zhi-Bin Lin (China)	Sue Piper Duckles (USA)
Oral presentation competition of young scientists（14:10~17:43）			
14:10~14:22	ZX-1201 inhibits pancreatic cancer cell PANC-1 epithelial-mesenchymal transition (EMT) by targeting Aquaporin-1 and transforming growth factor-β1 (TGF- β1)	Yu An (China)	Douglas W Oliver (South Africa) Yong-He Zhang (China)
14:22~14:34	The continuous sedative effects of a newly synthesized purine derivative WS070133: is there any difference from diazepam?	Xiao-Yu Bai (China)	
14:34~14:46	20(s)-protopanaxadiol inhibits multiple cancer related signaling pathway and suppresses tumor growth of to human colorectal cancer	Jian-Li Gao (China)	
14:46~14:58	Curcumin inhibits renal cyst formation and enlargement in vitro models by regulating MAPK signaling pathway	Jin-Sheng Gao (China)	
14:58~15:10	Essential oils of Myrtus communis L. produce a non-sedating anxiolytic effect in mice model of anxiety	Eyob Hailu (Ethiopia)	
15:10~15:22	SCM-198 attenuates lipopolysaccharide-induced inflammation in microglia and improves cognitive impairment caused by β -amyloid protein-(1-40) in rats	Zhen-Yi Hong (China)	
15:22~15:34	S-propargyl-cysteine (SPRC)-induced angiogenesis was mediated through a H2S/VEGFR2/STAT3 axis	Jun-Tao Kan (China)	

Coffee Break (15:34~15:55)			
15:55~16:07	Jaridonin, a novel ent-kaurene diterpenoid compound from <i>Isodon rubescens</i> , promotes cancer cell death through ROS-mediated pathway	Yong-Cheng Ma (China)	Valerie B. Schini-Kerth (France) Zu-Guang Ye (China)
16:07~16:19	Dose ratio-dependent, antagonistic effects of the combination of gallic acid and methyl gallate in human lung adenocarcinoma A549 cells	Aikebaier Maimaiti (China)	
16:19~16:31	Pharmacokinetic study of salvianolic acid A after oral administration in SD rats by a liquid chromatography - mass spectrometry method	Jia-Lin Sun (China)	
16:31~16:43	Correlation of Chinese medicine ingredients and over-released neurotransmitters in rats' brain interstitial fluid during cerebral ischemia	Wen-Ting Song (China)	
16:43~16:55	The perspectives of traditional Chinese medicines pharmaceutical businesses in Africa	Ernest Tambo (Republic of Benin)	
16:55~17:07	Anti-arthritis effects of HGT-5A, a polysaccharide part from <i>Periploca forrestii</i> Schlecht and its possible active components	Zhi-Yong Xiao (China)	
17:07~17:19	Oral epimedium flavonoids ameliorate experimental autoimmune encephalomyelitis in rats by modulating neuroinflammatory and neurotrophic responses	Lin-Lin Yin (China)	
17:19~17:31	Effects of astragaloside IV on action Potentials and ionic currents in guinea pig ventricular myocytes	Mei-Mi Zhao (China)	
17:31~17:43	PF11 protects neuronal function from alcohol induced neuroinflammation-oxidative stress in the adult rat following a 4-day binge ethanol exposure	Ya-Nan Zhao (China)	
18:30~20:30	Welcoming Banquet		

Date: November 8 (Thursday)

Time	Subject	Speaker	Chairperson
Special Lecture（09:00~09:40）			
09:00~09:40	Ozone: pharmacological and medicinal investigations	Douglas W Oliver （South Africa）	Guan-Hua Du （China）
Invited Lecture（09:40~12:40）			
09:40~10:00	Multitarget strategy of traditional Chinese medicine to treat Alzheimer's disease	Lin Li （China）	Yasushi Ohizumi （Japan）
10:00~10:20	Kangen-kary (Guan-Yuan-Ke-Li) and cognitive deficits: Neuropharmacological insight into availability for dementia prevention/therapy	Kinzo Matsumoto （Japan）	
Coffee Break（10:20~10:40）			
10:40~11:00	Target cells and binding sites for immunomodulatory action of Lycium barbarum polysaccharides LBPF4-OL	Yong-Xiang Zhang （China）	Anwarul Hassan Gilani （Pakistan） Qiang Xu （China）
11:00~11:20	Unani medicine in the management of cardiovascular disorders	Syed Mahtab Ali （India）	
11:20~11:40	Curcumin and its derivatives against chronic myeloid leukemia — from lead to candidates	Jian-Hua Xu （China）	
11:40~12:00	Inhibition of cell cycle progression via p27Kip1 upregulation and the PI3K-Akt/PKB survival pathway by Rhus verniciflua Stokes	Seong-gyu Ko （Korea）	
12:00~12:20	The discuss on innovation research and development of traditional Chinese medicine under the drive of modern biological pharmaceutical technology	Xiao-Bo Sun （China）	
12:20~12:40	Anti-malarial drug artesunate is an effective drug for allergy and asthma	WS Fred Wong （Singapore）	

Lunch and Poster Session (12:40~13:40)			
Special Lecture (13:40~14:20)			
13:40~14:20	Westernization of traditional Chinese medicine: the challenges	Paul M. Vanhoutte (Hongkong, China)	Ricky Y.K. Man (Hong Kong, China)
Invited Lecture (14:20~16:40)			
14:20~14:40	Developmental potentials of natural and traditional medicines	Ricky Y.K. Man (Hong Kong, China)	Paul M. Vanhoutte (Hongkong, China) Lin Li (China)
14:40~15:00	Exploration for development of anti-ischemic stroke drugs: the discovery of pinocembrin —a novel agent targeting the neurovascular unit based on multi-targets and network regulation	Guan-Hua Du (China)	
15:00~15:20	Potential of fruit-derived polyphenols to improve vascular protection	Valerie B. Schini-Kerth (France)	
15:20~15:40	Study on the association between the pharmacology and herbal quality in Chinese Medicine	Yi-Tao Wang (Macao, China)	
15:40~16:00	Study of combinational therapeutic targets for alzheimer's disease based on network pharmacology	Wen-Xia Zhou (China)	
16:00~16:20	Why botanicals are considered safer?	Anwarul Hassan Gilani (Pakistan)	
16:20~16:40	New inspiration on vitiligo pathogenesis and anti-vitiligo drug development	Jing Shang (China)	
Coffee Break (16:40~17:00)			

Closing Ceremony (17:00~18:00)		
17:00~18:00	<p>1. Outstanding Oral presentation of young scientists Award Ceremony</p> <p>1) Prof. Valerie B. Schini-Kerth announces the winners of the Awards</p> <p>2) Awarding the certificates to the winners</p> <p>2. Excellent Poster Award Ceremony</p> <p>1) Prof. Wen-Xia Zhou announces the winners of the Awards</p> <p>2) Awarding the certificates to the winners</p> <p>3. Awarding Ceremony for Servier-CHPARS Award</p> <p>1) Prof. Xue-Jun Li announces the winner of the Awards</p> <p>2) Awarding the certificates to the winners</p>	Yong-Xiang Zhang (China)

INSTRUCTIONS

INSTRUCTIONS FOR ALL PARTICIPANTS

1. Registration desk: Lobby of Cultural Center of the University of Macau



2. Registration time

Nov 6th (Tuesday) 13:30-22:00

Nov 7th (Wednesday) 8:30-12:30

3. Students must bring the student's ID card.

INSTRUCTIONS FOR ORAL PRESENTATION COMPETITION OF YOUNG SCIENTISTS

1. Please find yourself in the program of conference in the session of “Oral presentation competition of young scientists” on November 7 (Wednesday, 14:10-17:44).
2. The time of presentation is 12 min for each speaker (report 10 min, discussion 2 min, and a reminding will be given at 9 min).
3. The PowerPoint for presentation should be prepared with Microsoft system. In order to ensure the computer work well, MS Office 2003 or 2007 is recommend to use.
4. Please place your presentation PowerPoint file in a folder and give your name to the folder, and present your PowerPoint on a USB flash memory stick or CD.
5. Your Presentation PowerPoint should be copied into the computer of the secretariate when registration, to make sure your PowerPoint file work well in our environment.

6. The jury will listen to and score for every presentation and the excellent ones will be selected according to the total scores of the levels of researching, reporting, question answering and slide making.
7. The winners will be announced and awarded during the closing ceremony of the conference.

INSTRUCTIONS FOR POSTER PRESENTATION

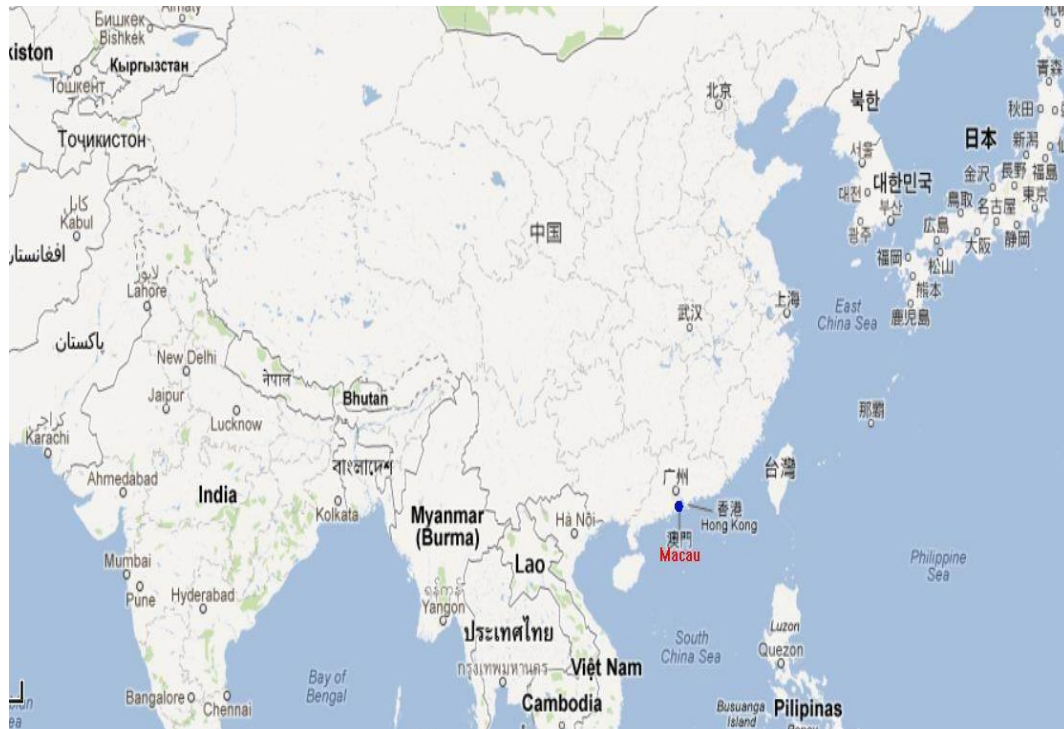
Poster Presentation

- ✓ The poster size should be **0.7m (wide)×0.9m (high)** and the material for attach the poster to the poster board will be provided.
- ✓ The poster session is in the Exhibit Hall and the boards for poster have been numbered. You will get your poster position number when you register. Please remember your poster position number and post your poster according to the post position number you get at registration.
- ✓ Posters must be set up in the morning and will remain up the entire day.
- ✓ Excellent Posters will be selected by a special jury. The jury will go to the poster session to look at the posters and select the excellent ones, according to the levels of their research, question answering and poster making.
- ✓ The authors of the posters should stand by their posters during the Poster Session (12:30-13:30 p.m., Nov. 7-8, 2012) to answer the questions of the jury.
- ✓ The winners will be announced and awarded during the closing ceremony of the conference.
- ✓ Although the posters will be displayed the entire day, speakers are only required to be present during the poster session time slot of 12:30 –13:30 p.m.
- ✓ Any poster remaining after the tear down time will be discarded without exception. Organizing committee or any of their representatives will not be responsible for the loss of any materials due to not retrieving your posters by the specified times.

Set-up	Tear Down
Tuesday, November 6, 13:30~	Thursday, November 8, 17:10~17:40

LOCATION OF MACAU

Macau (or Macao) is in the south of China and is about 37 miles (60 km) directly west of Hong Kong, and consists of the Macau Peninsula (attached to Zhuhai City of mainland China) as well as the small islands of Taipa and Coloane - all connected by bridges. The total area of Macau is about 30 sq km with a population of 600,000.





TRANSPORTATION IN MACAU

Transport in Macau includes road, sea and air transport. Road transport is the primary mode of transport within Macau itself, as there are no railways and subways at present. The main forms of public transport are buses and taxis.

Modes of transport out of Macau include ferries to Hong Kong and mainland China from two ferry terminals, as well as helicopter service to Hong Kong. International flights are available from Macau International Airport.

Although there are a series of buses available for participants to arrive at University of Macau and the hotels, we recommended participants to take taxi to save time. There are two types of livery on Macau's taxis - one is a black body with cream color top (the black cab) and the other is yellow on the whole (the yellow cab). The fares are same as following:

Fares

First 1,600 meters	MOP 15.00
For each 230 meters afterwards	MOP 1.50
Every 1 minute waiting time which the taxi is hired but not in motion at passenger's request	MOP 1.50
Each piece of baggage transported in the baggage compartment at passenger's request	MOP 3.00

When using a taxi to travel:

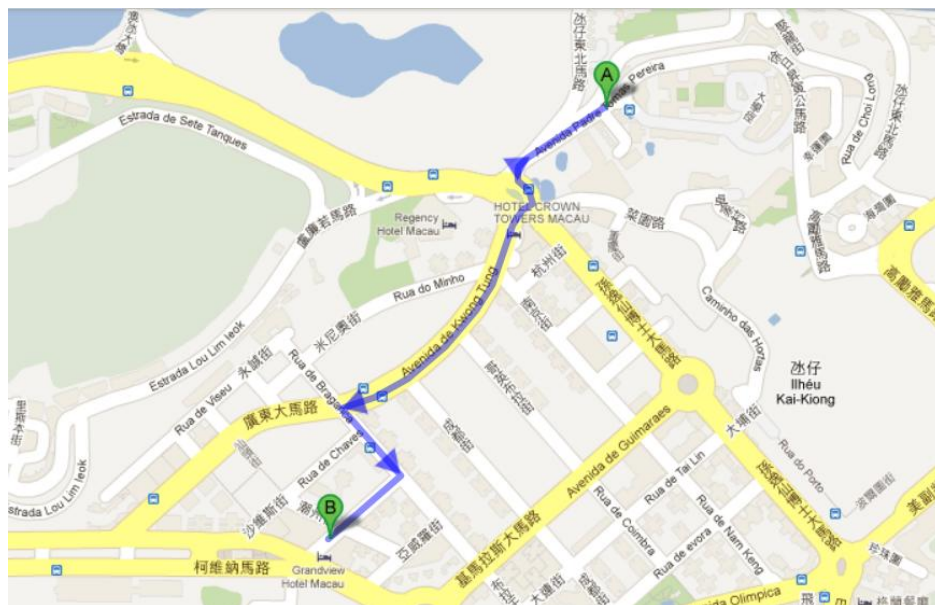
From	To	Time (min)	Expense (MOP)
China port	University of Macau	15	70
	GrandView Hotel	15	80
	Best Western Hotel	15	70
	Regency Hotel	15	70
Macau Maritime Ferry Terminal	University of Macau	10	50
	GrandView Hotel ¹	12	55
	Best Western Hotel	10	50
	Regency Hotel	12	55
Macau International Airport	University of Macau	8	30
	GrandView Hotel	6	25
	Best Western Hotel	8	30
	Regency Hotel	8	30

The hotel provides complimentary shuttle bus service for guests arriving at the Macau Ferry Terminal that runs at 30 minutes interval between 08:15 and 23:30. Pick-up from the terminal starts at 08:45 and ends at 23:30 while departure from the hotel begins from 08:15 until 23:15.

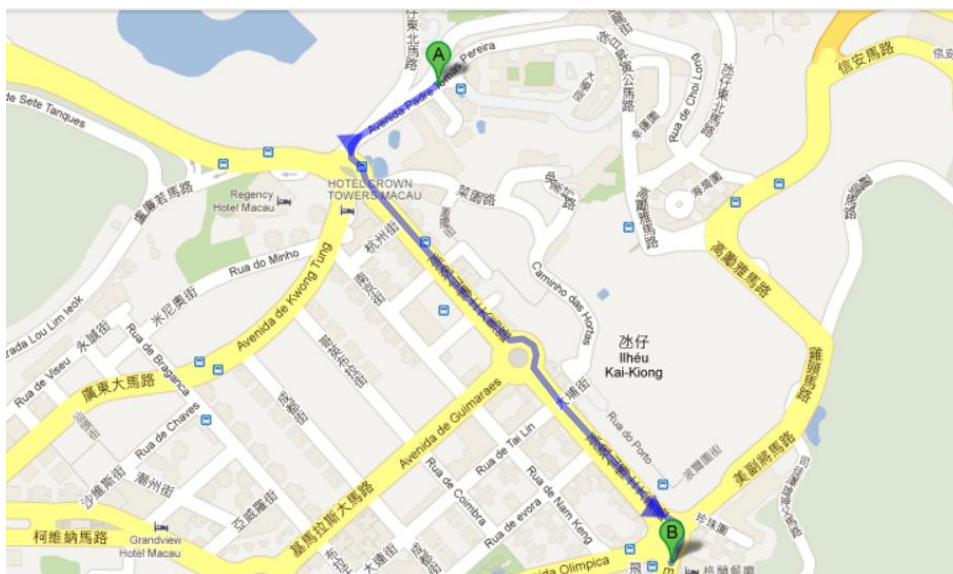
When travel by walk:

From	To	Distance(m)	Time (min)
GrandView Hotel	University of Macau	1000	8-10
Best Western Hotel	University of Macau	1100	10-12
Regency Hotel	University of Macau	300	3-4

From GrandView Hotel (B) to University of Macau (A):



From Best Western Hotel (B) to University of Macau (A):



From Regency Hotel (B) to University of Macau (A):



University of Macau:

Address: Av. Padre Tom s Pereira Taipa, Macau, China

Tel: (853) 28831622

Fax: (853) 28831694 (853) 28841358

Email: info@umac.mo

Website: <http://www.umac.mo/>

Grandview Hotel:

Address: 142, Estrada Governador Albano de Oliveira, Taipa, Macau.

Tel : (853) 2883 7788 | Fax : (853) 2883 7777

Website: <http://www.grandview-hotel.com/index.php>

Best Western Hotel:

Address: Estrada Governador Nobre Carvalho No.822, Taipa, Macau SAR-China.

Tel: (853) 2882 1666

Fax: (853) 2882 0333

Website: <http://www.bestwesternhotelmacau.com>

E-mail address: info@hoteltaipa.com

Toll Free Tel : 800 - 903295

Toll Free Fax: 800 - 903296

Regency Hotel:

Address: 2 Estrada Almirante Marques Esparterio, Taipa Island, Macau

Tel: (853) 2883 1234

Fax: (853) 2883 0195

Email: reservation@regencyhotel.com.mo

Website: <http://www.regencyhotel.com.mo/>

TIME ZONE OF MACAU

The geographic coordinates of Macau: 22 10 N, 113 33 E

The Time zone of Macau is same to that of Beijing, Shanghai, and Hong Kong, that is +8 and Macau operates on Eastern Time: UTC/GMT +8 hours

For more information, please visit website at:

<http://www.timeanddate.com/worldclock/difference.html?p1=754>

VOLTAGE, FREQUENCY AND PLUG/OUTLET TYPE IN MACAU

Electricity in Macau is 220 Volts, alternating at 50 cycles per second. If you have a device that does not accept 220 Volts at 50 Hertz, you will need a voltage converter.

Macau Plug Adapters and Outlet Shapes: Outlets in Macau / Aomen generally accept 2 types of plug:

Three round pins arranged in a triangle and two parallel flat pins with ground pin.



If your appliances plug has a different shape, you may need a plug adapter.

For more information, please visit website at:

<http://treehouse.ofb.net/go/en/voltage/Macau>

CLIMATE

The air temperature of Macau in November is between 24.1 and 18.3 °C with a mean temperature at 20.9°C in past 30 years. The mean relative humidity in November is 70.2 %. For more meteorological elements, please visit the website of The Macao Meteorological and Geophysical Bureau (SMG) at:

http://www.smg.gov.mo/www/e_index.php

CURRENCY AND EXCHANGE

Macau retains its own currency. Macau's official currency called Macau Pataca with symbol of MOP\$ or MOP. Frequently used coins and banknotes are MOP1, MOP2, MOP5 and MOP10, MOP20, MOP50, MOP100, MOP500, respectively.

The Hong Kong dollar (HKD) and the RMB are also very popular in Macau.

The approximate exchange rates are as following :

100 RMB \approx 126 MOP

100 HKD \approx 103 MOP

100 USD \approx 800 MOP

100 EUR \approx 1031MOP

100 GBP \approx 1280 MOP

100 FHF \approx 157 MOP

100 JPY \approx 10 MOP

100 SGD \approx 650 MOP

100 ZAR \approx 93 MOP

100 KRW \approx 0.7 MOP

100 NTD \approx 27 MOP

LANGUAGE IN MACAU

Cantonese and Portuguese are Macau's official languages, with Cantonese being spoken by the greatest number of residents. Mandarin is also spoken by a substantial number of people, particularly those who have a formal education. English is also spoken by most locals who work in the tourist industry.

TELEPHONE

The area code for Macau is 853.

Local Calls While in Macau to a Landline or Cellular Number:

Dial local number directly.

International Call While in Macau Back to the U.S. or Another International Destination:

00 + country code + telephone number.

Emergency Number: (853) 999.

Call Taxi: (853) 28519519 /28939939/28283283

MEDICAL AID IN MACAU

KIANG WU HOSPITAL

Ambulances Tel: (853) 28371333

Website: <http://www.kwh.org.mo/>

MACAU TOURISM

Macau is famous for the blend of Portuguese and Chinese cultures and its gambling industry, which includes Casino Lisboa, Macau, Sands Macau, The Venetian Macao, and Wynn Macau. For more information, please visit website of Macau Government Tourist Office at: <http://cn.macautourism.gov.mo/>



CONTACT INFORMATION

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